

11
Aug 25
Ding

Permit Number: NJ0022756
Name of Permittee: Joint Meeting
Rutherford, East Rutherford & Carlstadt
Effective Date: March 31, 1979
Expiration Date: July 1, 1983

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
PERMIT TO DISCHARGE

In reference to the application received from the above-mentioned permittee for a permit authorizing the discharge of pollutants in compliance with the provisions of the Clean Water Act, as amended by the Clean Water Act Amendments of 1977, P.L. 95-217, (33 U.S.C. SS1251-1376) (hereinafter referred to as "the Act").

Joint Meeting- Rutherford East Rutherford-Carlstadt
P.O. Box 281
Rutherford, New Jersey 07070

(hereinafter referred to as "the Permittee")

is authorized by the Regional Administrator, Region II, U.S. Environmental Protection Agency (EPA), to discharge from:

Joint Meeting-Rutherford, East Rutherford, Carlstadt STP

Foot of Borough Street

Rutherford, New Jersey 07070

to receiving waters named Berry's Creek

in accordance with the following conditions.

EXHIBIT B

A. GENERAL CONDITIONS

1. All dischargers authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant more frequently than, or at a level in excess of, that identified and authorized by this permit shall constitute a violation of the terms and conditions of this permit. Such a violation may result in the imposition of civil and/or criminal penalties as provided for in Section 309 of the Act. Facility modifications, additions, and/or expansions that increase the plant capacity must be reported to the permitting authority and this permit then modified or re-issued to reflect such changes. Any anticipated change in the facility discharge, including any new significant industrial discharge or significant changes in the quantity or quality of existing industrial discharges to the treatment system that will result in new or increased discharges of pollutants must be reported to the Regional Administrator. Modifications to the permit may then be made to reflect any necessary changes in permit conditions, including any necessary effluent limitations for any pollutants not identified and limited herein. In no cases are any new connections, increased flows, or significant changes in influent quality permitted that will cause violation of the effluent limitations specified herein.
2. After notice and opportunity for a hearing, this permit may be modified, suspended or revoked in whole or in part during its term for cause including, but not limited to, the following:
 - a. violation of any terms or conditions of this permit;
 - b. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or,
 - c. a change in any condition that requires either a temporary or permanent reduction or elimination of the permitted discharge.
3. Notwithstanding 2 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Act for a toxic pollutant which is present in the discharge authorized herein and such standard or prohibition is more stringent than any limitation upon such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee shall be so notified.

4. The permittee shall allow the head of the State water pollution control agency, the Regional Administrator, and/or their authorized representative, upon the presentation of credentials:
 - a. to enter upon the permittee's premises where an effluent source is located or in which any records are required to be kept under the terms and conditions of this permit;
 - b. to have access to and copy at reasonable times any records required to be kept under the terms and conditions of this permit;
 - c. to inspect at reasonable times any monitoring equipment or monitoring methods required in this permit; or,
 - d. to sample at reasonable times any discharge of pollutants;
 - e. to inspect the operation of the treatment facilities.
5. The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations; nor does it obviate the necessity of obtaining State or local assent required by law for the discharge authorized.
6. This permit does not authorize or approve the construction of any onshore or offshore physical structures or facilities or the undertaking of any work in any navigable waters.
7. Except for data determined to be confidential under Section 308 of the Act, all monitoring reports required by this permit shall be available for public inspection at the offices of the head of the State water pollution control agency and the Regional Administrator. Knowingly making any false statement on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.
8. The diversion or bypass of any discharge from the treatment works by the permittee is prohibited, except: (1) where unavoidable to prevent loss of life or severe property damage; or (2) where excessive storm drainage or runoff would damage any facilities necessary for compliance with the terms and conditions of this permit. The permittee shall notify the Regional Administrator in writing within 72 hours of each diversion or bypass in accordance with the procedure specified below for reporting non-compliance. The permittee shall within 30 days after such incident submit to EPA for approval a plan to prevent recurrence of such incidents.

9. If for any reason the permittee does not comply with or will be unable to comply with any effluent limitation specified in this permit, or should any unusual or extraordinary discharge of wastes occur from the facilities herein permitted, the permittee shall immediately notify the Regional Administrator and appropriate State agency by telephone and provide the same authorities with the following information in writing within five (5) days of such notification:
 - a. A description of the non-complying discharge including its impact upon the receiving waters.
 - b. Cause of non-compliance.
 - c. Anticipated time the condition of non-compliance is expected to continue, or if such condition has been corrected, the duration of the period of non-compliance.
 - d. Steps taken by the permittee to reduce and eliminate the non-complying discharge.
 - e. Steps to be taken by the permittee to prevent recurrence of the condition of non-compliance.
10. The permittee shall take all reasonable steps to minimize any adverse impact to navigable waters resulting from non-compliance with any effluent limitation specified in this permit. The permittee will also provide accelerated or additional monitoring as necessary to determine the nature and impact of the non-complying discharge.
11. Except as provided in permit condition 8 on bypassing, nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for non-compliance.
12. Nothing in this permit shall be construed to preclude the institution of any legal action nor relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable State law or regulation under authority preserved by Section 510 of the Act.
13. In the event of any change in control or ownership of facilities from which the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Regional Administrator and the State water pollution control agency.

14. The provisions of this permit are severable, and if any provision of this permit, or the application of any provisions of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.
15. The permittee shall provide notice to the Regional Administrator of the following:
 - a. Any new introduction of pollutants into such treatment works from a source which would be a new source as defined in Section 306 of the Act if such source were discharging pollutants;
 - b. Any new introduction of pollutants which exceeds 10,000 gallons on any one (1) day into such treatment works from a source which would be subject to Section 301 of the Act if such source were discharging pollutants; and,
 - c. Any substantial change in volume or character of pollutants being introduced into such treatment works by a source introducing pollutants into such works at the time of issuance of the permit.

Such notice shall include information on the quality and quantity of effluent to be introduced into such treatment works; and an anticipated impact of such change in the quantity or quality of effluent to be discharged from such publicly owned treatment works.

16. The permittee shall require any industrial user of such treatment works to comply with the requirements of Section 204(b), 307 and 308 of the Act. Any industrial user subject to the requirements of Section 307 of the Act shall be required by the permittee to prepare and transmit to the Regional Administrator periodic notice (over intervals not to exceed nine (9) months) of progress toward full compliance with Section 307 requirements.
17. The permittee shall require any industrial user of storm sewers to comply with the requirement of Section 308 of the Act.
18. The permittee shall comply with Sections 201(b) through 201(g) of the Act.

**B. REQUIRED EFFLUENT LIMITATIONS AND MONITORING
AND OPERATIONAL REQUIREMENTS**

1.A. Required Effluent Limitations

During the period beginning on the date determined by Condition C-II and lasting until the expiration date of this permit, discharges shall be limited and monitored by the permittee as specified below:

- a. A substantially complete removal of settleable solids shall be achieved.
- b. See Table I.
- c. Except as specifically authorized in this permit, the permittee shall not discharge floating solids or visible foam.
- d. The effluent values for pH shall remain within the limits of 6.0 to 9.0.
- e. The 30-day average quantity of effluent discharged from the wastewater treatment facility shall not exceed 4.0 million gallons per day (MGD).
- f. See Section C.

1.B. Interim Effluent Limitations

During the period beginning on the effective date of this permit and lasting until the date determined by Condition C-II, discharges shall be limited and monitored by the permittee as specified below:

- a. Same as permit Condition B.1.A.a.
- b. See Table I-A.
- c. Same as permit Condition B.1.A.c.
- d. Same as permit Condition B.1.A.d.
- e. The 30 day average quantity of effluent discharged from the wastewater treatment facility shall not exceed 4.0 MGD.

2. Facility Operation and Quality Control

All waste collection, control, treatment and disposal facilities shall be operated in a manner consistent with the following:

- a. At all times, all facilities shall be maintained as efficiently as possible and operated as efficiently as possible and in a manner which will minimize upsets and discharges of excessive pollutants.
- b. The permittee shall provide an adequate operating staff which is duly qualified to carry out the operation, maintenance and testing functions required to insure compliance with the conditions of this permit.
- c. Maintenance of treatment facilities that results in degradation of effluent quality shall be scheduled during non-critical water quality periods and shall be carried out in a manner subject to approval by the permitting authority.

d. Prohibited Wastes

The permittee shall under no circumstances allow introduction of wastes into the treatment works identified as "Prohibited Wastes" pursuant to Section 307 of the Act. The following wastes are prohibited as published in 40 CFR 128:

- (i) Wastes which create a fire or explosion hazard in the publicly owned treatment works.
- (ii) Wastes which will cause corrosive structural damage to treatment works, but in no case wastes with a pH lower than 5.0, unless the works is designed to accomodate such wastes.
- (iii) Solid or viscous wastes in amounts which would cause obstruction to the flow in sewers, or other interference with the proper operation of the publicly owned treatment works.
- (iv) Wastes at a flow rate and/or pollutant discharge rate which is excessive over relatively short time periods so that there is a treatment process upset and subsequent loss of treatment efficiency.

3. Self-Monitoring and Reporting Requirements

- a. The permittee shall effectively monitor the operation and efficiency of all treatment and control facilities and the quantity and quality of the treated discharge. Monitoring data required by this permit shall be summarized on an average calendar month basis. The monthly summaries of data will then be used to prepare a single quarterly report. Duplicate original copies of the Discharge Monitoring Report form (EPA Form T-40), properly completed and signed by the permittee must be submitted within 28 days after the end of each report period to the Regional Administrator and the State agency at the following addresses:

Permits Administration Branch
Environmental Protection Agency
Region II
26 Federal Plaza
New York, New York 10007

Assistant Director
Pollution Control, Monitoring,
Surveillance and Enforcement Element
Division of Water Resources
New Jersey State Department of
Environmental Protection
P.O. Box CN-029
Trenton, New Jersey 08625

Quarterly reports will be required for periods beginning on the first day of the first month following the issuance of this permit. The data collected and submitted shall include the parameters and testing frequencies specified in Table II. Samples and measurements of the effluent taken to achieve compliance with the monitoring requirements specified above shall be taken at the point of combined flow into the outfall sewer.

Samples and measurements of the influent wastewater taken to meet the monitoring requirements specified above shall be taken at the point of plant inflow.

b. Sampling and Analysis Methods

Other measurements of oxygen demand can be substituted for Bio-chemical Oxygen Demand (BOD) where the permittee can demonstrate long-term correlation of the method with BOD values. Substitution of such measurements must receive prior approval of the permitting authority.

The analytical and sampling methods used shall conform to the regulations published pursuant to Section 304(g) of the Act. These regulations are published in the Federal Register as 40 CFR Part 136. However, different but equivalent methods are allowable if they receive the prior written approval of the permitting authority.

The permittee shall periodically calibrate and perform maintenance procedures on all monitoring and analytical instrumentation at intervals to insure accuracy of measurements.

4. Recording

The permittee shall record for all samples the date and time of sampling, the sampling method used, the date analyses were performed, the identity of the analysts, and the results of all required analyses and measurements.

All sampling and analytical records mentioned in the preceding paragraph shall be retained for a minimum of three (3) years. The permittee shall also retain all original recordings from any continuous monitoring instrumentation, and any calibration and maintenance records, for a minimum of three (3) years. These periods will be extended during the course of any unresolved litigation, or when so requested by the permitting authority.

5. Solids Disposal

Collected screenings, slurries, sludges, and other solids shall be disposed of in such a manner as to prevent such materials from entering the waters of the United States except in accordance with a permit issued under Section 405 of the Act. If for any reason such materials do enter the waters of the United States, the permittee shall notify the permitting authority with the following information in writing within 14 days:

1. Dates of the occurrence;
2. A description of the non-complying discharge (nature and volume);
3. Cause of non-compliance;
4. Steps taken to reduce and eliminate the non-complying discharge; and,
5. Steps to be taken to prevent recurrence of the condition of non-compliance.

6. Discharge Location Description

Discharge No. 001

Latitude: 40° 48' 37"

Longitude: 74° 09' 36"

TABLE I-A
REQUIRED INTERIM EFFLUENT LIMITATIONS

Effluent Characteristics	Discharge Load Allocations				Discharge* Concentrations Limitations		Minimum* Percent Removal Limitations
	30 Consecutive Day Average		7 Consecutive Day Average		30 Day Average	7 Day Average	30 Day Average
	lb/day	kg/day	lb/day	kg/day	(mg/l)	(mg/l)	
5-Day-20 °C Biochemical Oxygen Demand	7670	3480	11510	5220	230	345	30
Suspended Solids	3840	1740	5840	2650	115	175	45

*whichever is more stringent

TABLE 1
REQUIRED INTERIM LIMITATIONS

Effluent Characteristics	Discharge Load Allocations				Discharge* Concentrations Limitations		Minimum* Percent Removal Limitations
	30 Consecutive Day Average		7 Consecutive Day Average		30 Day Average (mg/l)	7 Day Average (mg/l)	30 Day Average
	lb/day	kg/day	lb/day	kg/day			
5-Day-20 °C Biochemical Oxygen Demand	6510	2950	9840	4460	195	295	40
Suspended Solids	2840	1290	4170	1890	85	125	60

*whichever is more stringent

Table II - Self-Monitoring Requirements 1/

Parameter	Minimum Monitoring Requirements	
	Measurement Frequency	Sample Type
Total Flow, mgd	continuous	N/A
BOD ₅ , mg/l	once per week	24-hour composi
BOD ₅ , kg/day*	-----	---
Settleable Solids, ml/l	twice per day	grab
Suspended Solids, mg/l	once per week	24-hour compos
Suspended Solids, kg/day*	-----	----
Residual Chlorine, mg/l 2/	twice per day	grab
Fecal Coliform, N per 100 ml 2/	once per week	grab
pH	twice per day	grab
Temperature, °C 2/	twice per day	grab

1/ Except where indicated, influent and effluent measurement and testing are required.

2/ Only effluent testing required.

* To be determined based on actual flow and actual results for parameters noted.

C.I. STATE CERTIFIED REQUIREMENTS

As required by the New Jersey State Department of Environmental Protection (NJSDPE) Certification of Joint Meeting; Rutherford for the purpose of assuring compliance with New Jersey's water quality standards and other appropriate requirements of State law as provided by Section 401(d) of the Act, the permittee shall comply with the following effluent limitations and other limitations:

1. The permittee shall discharge so as not to violate New Jersey Surface Water Quality Standards, N.J.A.C. 7:9-4 et. seq. (Docket No. DEP 012-74-11).
2. Pursuant to N.J.A.C. 7:9-4.4 (a) (13), effective year-round disinfection shall be required for all treated wastewater discharges containing pathogenic organisms.
3. The applicant shall comply with the approved recommendations of the Water Quality Management Basin Plan for the Northeast New Jersey Urban Area in accordance with Section 303 (e) of the Act.
4. The applicant shall comply with the areawide Water Quality Management Plan for Northeast New Jersey being developed by the New Jersey Department of Environmental Protection in accordance with Section 208 of the Act.
5. The applicant shall comply with the approved recommendations of the Facility Plan being developed by the Bergen County Sewer Authority in accordance with Section 201 of the Act.

Upon approval of the Facility Plan this permit may be modified to include a schedule of achieving compliance with N.J.A.C. 7:9-4.6 by implementing the recommendations of the Facility Plan. In the interim the standards and compliance dates set forth in the NPDES permit are applicable except that the Department will strive to optimize the effluent quality through implementation of the Max/Min report and/or the application of State laws and regulations including sewer bans, when deemed appropriate by the Department.

C.II. Schedule of Compliance to Attain Required Effluent Limitation 1/ 2/ 3/

The permittee has indicated that the level of treatment currently being afforded the discharge is not meeting the level of treatment as provided for in Section 301(b)(1)(B) and (C) of the Act, and has requested a time extension under Section 301(f) of the Act. Upon review of all the facts presented in this matter, the EPA hereby grants such a time extension provided that the permittee shall comply with the following schedule and shall report to the Regional Administrator and the State Agency within 14 days following each date on the schedule detailing its compliance or non-compliance.

1. By January 31, 1979, start construction at the wastewater treatment facility.
2. Construction should be completed by August 31, 1979.
3. By September 30, 1979, attain the effluent requirements set forth in Table I of the permit.
4. All flows will be conveyed to the Bergen County Regional Sewer Authority (BCSA) as soon as those regional facilities are operable.

1/ If at any time, it is determined that Federal funding will not be available in time to assure compliance by July 1, 1983 with the final effluent limitations contained in this permit, this time extension shall be revoked by the Regional Administrator.